

2011

Inquiro 5 (End Matter)

Inquiro Staff

University of Alabama at Birmingham

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2012 Inquiro Submission Guidelines

Any student participating in scientific research at UAB is invited to submit a research paper for consideration for publication in the 2012 issue of Inquiro. Papers will be subject to student and faculty review.

The deadline for submissions is June 1, 2012; however, students participating in summer research at UAB or another institution are encouraged to submit by August 31, 2012.

Initial submissions should follow these guidelines:

- 1) Research papers should follow the general format: Abstract, Introduction, Materials and Methods, Results, Discussion, Conclusion and References. Variation may occur as long as the general sections are clearly delineated.
- 2) All manuscripts should be written in third person perspective. The Materials and Methods and Results sections should be written in past tense.
- 3) 12 point font, double spaced, pages should be numbered with the author's name appearing in a header on every page (further formatting will be required upon acceptance).
- 4) Figures, tables, and graphs should be submitted in their original formats in the highest resolution possible as separate files. A .tiff file at 300 dpi is ideal.
- 5) All research papers should be submitted with the Inquiro Permission to Publish Form.

Staff also invites students to submit research narratives, interviews with faculty members, and science related editorials.

Short Reports: These reports are short papers derived from the text of science posters. Please convert the original poster to a Word document which includes all text, figures, tables, and images from the poster. As above, images should be submitted additionally as a separate file. The suggested length is 2,500 words.

Research Narratives/Other: If students would like to submit editorial or narrative pieces related to scientific research, they may certainly do so. The journal staff will review the article and consider it based on relevance and quality. The suggested length is 900 words.

Anyone who wishes to join the Inquiro staff should fill out the application on our website.

Please send submissions or questions to sciencejournal.inquiro@gmail.com.

For more information or to view previous publications, visit the website at www.uab.edu/inquiro.

**Students retain all rights to their submitted work, except to publish in another undergraduate science journal. Inquiro is an internal university document of the University of Alabama at Birmingham.*

inquire staff

Chief Editors



Khushboo Jhala

Khushboo Jhala is a senior in the Early Medical Acceptance Program and University Honors Program at UAB. She is majoring in International Studies and minoring in Chemistry. She will begin medical school this summer and intends to use her global background experience to address policy changes in international medicine. Her research interests include analyzing stage transitions of various cancers by their clinical, radiologic, and histologic features.



Rachael Rosales

Rachael Rosales is a junior studying biology. She is a member of the University Honors Program (UHP) and the Early Medical School Acceptance Program (EMSAP). In addition to her scientific interest, Rachael has done research in the UAB Philosophy Department and participates in UAB Ethics Bowl. She plans on pursuing a career in the medical field after her undergraduate career.

Assistant Editor



Miranda Collier

Miranda is a sophomore in the University Honors Program majoring in Chemistry and minoring in Mathematics and Economics. She works for the UAB student newspaper and is a Teaching Assistant in the UAB Chemistry Department. Her research focuses on lens physiology and ocular diseases. She aspires to attend medical school where she plans to further her interest in vision.

Staff Writers



Amiya Ahmed

Amiya Ahmed is a sophomore double majoring in Molecular Biology and Philosophy with a minor in Chemistry. He is a member of the University Honors Program and the Biology Scholars Program. Amiya works at the

McWane center as a LabWorks! Facilitator and teaches science to middle school children. He also researches geriatrics and heart failure under the UAB Center for Aging. For fun, he enjoys playing basketball and playing piano and wishes to pursue a career as a physician-scientist.



Sadhvi Batra

Sadhvi Batra is a sophomore majoring in Neuroscience and Philosophy. She is part of the Science and Technology Honors Program and is currently working with Drs. Geldmacher, M.D., at UAB School of Medicine, and Sullivan, Ph.D. on a project that aims to investigate the qualities of "self" that are often overlooked by those living with Alzheimer's Disease. In the future, she hopes to pursue a career in medicine.



Atbin Doroodchi

Atbin is a senior Molecular Biology and Mathematics double major. He is a member of the Science and Technology Honors Program, Math Fast-Track program. Atbin currently works on his honors thesis in the Department of Neurology under the direction of Dr. Yuqing Li for which Atbin received 2010 Barry M. Goldwater Scholarship. Outside of school, he enjoys drawing and running.



Naveed Farrukh

Naveed Farrukh is a sophomore pursuing his Bachelors in Neuroscience and Master's in Public Health. He is also also part of the University Honors Program (UHP) and conducts research in the UAB Department of Neurobiology on growth of neural cells in the dentate gyrus region of the brain. In the future he hopes to get a medical degree, but craves the added rush of one day working on domestic health policy. In life, this kid doesn't sit inside waiting for storms to pass - he plays in the rain.



Timothy Fernandez

Timothy Fernandez is a junior double majoring in Biochemistry and Molecular Biology. He is in the University Honors Program and is a Chemistry Scholar. Currently, he is researching HIV-1 protein interactions with cellular constituents as well as protein interactions in the Fas-mediated apoptosis pathway. After graduation, he hopes to pursue an MD/PhD.



Pooja Gajare

Pooja Gajare is a sophomore Molecular Biology major in the University Honors Program and the Early Medical School Acceptance Program. She is currently doing research under the direction of Dr. Karolina Mukhtar. Her hobbies include running and baking. She plans on attending medical school after graduation.



Zac Ingram

Zachariah Ingram is a sophomore in the Science and Technology Honors program and is majoring in both mathematics and chemistry. He is involved in two research projects at UAB which correlate to his chosen majors. His dream is to bring science and understanding to the less fortunate across the globe.



Aditi Jani

Aditi Jani is a sophomore majoring in Molecular Biology and is in the University Honors Program and Early Medical Acceptance Program. She is interested in a career in academic medicine and has been doing research in the department of Pediatrics, division of Neonatology, with Dr. Brian Sims.



Helen Lin

Helen Lin is a senior Molecular Biology major and a Chemistry/Linguistics double minor. She is a member of the Early Medical School Acceptance Program and president of the Phi Sigma Biological Honor Society. Currently, she is researching the characteristics of membrane targeting of the protein Golgi-specific brefeldin-A sensitive binding factor

1 (GBF1), which is important in cellular trafficking. When she graduates she plans to attend Medical School at UAB.



Kavita Nadendla

Kavita Nadendla is a senior double major in Biology and Neuroscience with a Chemistry minor. She is a member of the University Honors Program and Early Medical School Acceptance Program and serves as an officer for the Asian American Organization and a Laboratory Teaching Assistant for the undergraduate Anatomy course. Kavita is currently working on her Neuroscience Research Thesis with Dr. Rajesh Kana using fMRI to investigate autism. She will attend medical school in Fall 2012 upon completion of her undergraduate degree.



Ashruta Patel

Ashruta Patel is a senior Chemistry major and a Biology and Mathematics minor. She is currently conducting research related to schizophrenia in Dr. Rita Cowell's lab in the Department of Psychiatry and Behavioral Neurobiology. Her interests include volunteering, traveling, and reading. Ashruta plans on pursuing a degree in medicine and working at an institution where medicine is incorporated in a clinical and laboratory setting.



Ramya Singireddy

Ramya is a second-year UAB student and aspires to attend medical school after her undergraduate years. She is a member of the EMSAP honors program and the Undergraduate Neuroscience program, and is an undergraduate research assistant in the Shelby Building. She is a native Californian and enjoys reading, dance, and watching movies.

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acknowledgements

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